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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	T FOR FURTHER	,
	FOR FURTHER ACTION as	see Form PCT/ISA/220 s well as, where applicable, item 5 below.
B04PC-35447 International application No.	International filing date (day/month/year	
PCT/JP2004/017130	11/11/2004	, , , , , , , , , , , , , , , , , , , ,
Applicant	11/11/2004	14/11/2003
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MATSUSHITA ELECTRIC INDUST	TRIAL CO. LTD.	•
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching ansmitted to the International Bureau.	Authority and is transmitted to the applicant
This International Search Report consists		
X It is also accompanied by	a copy of each prior art document cited in	this report.
Basis of the report		
a. With regard to the language, the i	international search was carried out on the ess otherwise indicated under this item.	e basis of the International application in the
this Authority (Rule	e 23.1(b)).	ranslation of the international application furnished to
b. With regard to any nucleo	rtide and/or amino acid sequence disclo	osed in the international application, see Box No. I.
2. Certain claims were foun	nd unsearchable (See Box II).	
	<i>(</i> -	
3. Unity of invention is lack	ding (see Box III).	
4. With regard to the title,		
X the text is approved as sub	omitted by the applicant.	
the text has been establish	hed by this Authority to read as follows:	
•		
	·	
5. With regard to the abstract,		
X the text is approved as sub	omitted by the applicant.	
the text has been establish	ned, according to Rule 38.2(b), by this Aut	thority as it appears in Box No. IV. The applicant
may, within one month from	n the date of mailing of this international s	search report, submit comments to this Authority.
6. With regard to the drawings,		
a. the figure of the drawings to be ρυ	ublished with the abstract is Figure No	
X as suggested by th		
	s Authority, because the applicant failed to s Authority, because this figure better chara	
	published with the abstract.	actenzes the invention.

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International Application No PCT/JP2004/017130

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B7/06 H04B7/08 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X PAN Z G ET AL: "MIMO antenna system for 1,14,17, multi-user multi-stream orthogonal space division multiplexing" ICC 2003. 2003 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. ANCHORAGE, AK, MAY 11 - 15, 2003, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY : IEEE, US, 'Online! vol. VOL. 1 OF 5. 11 May 2003 (2003-05-11), pages 3220-3224, XP010643041 ISBN: 0-7803-7802-4 Retrieved from the Internet: URL:http://ieeexplore.ieee.org> retrieved on 2005-03-10! the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 15 March 2005 01/04/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, LOPEZ DE ECHAZARRETA Fax: (+31-70) 340-3016

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
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